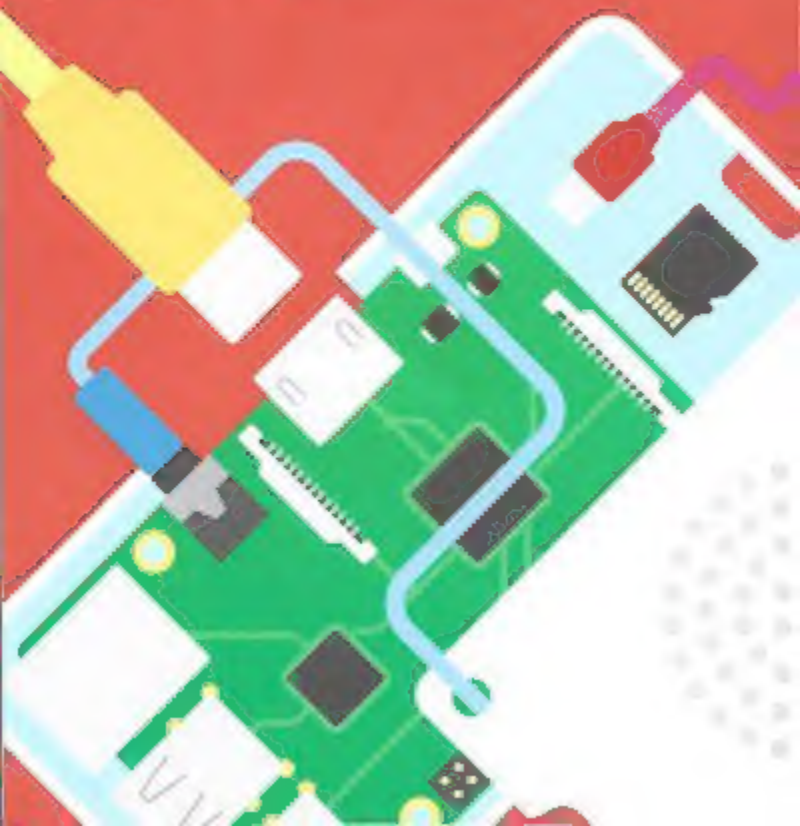
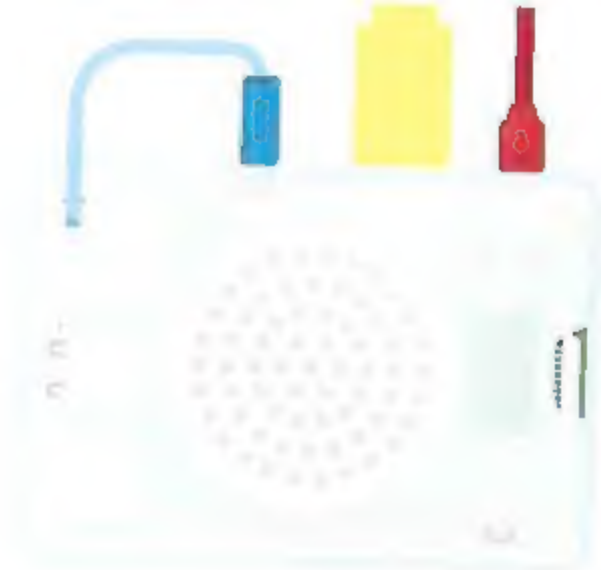


K

COMPUTER BOOK

make a computer





_____ 5 Computer Kit



Hey! I'm Judoka, your Karo
companion. Ready to go?
Take out the pieces!

Keyboard + Mouse



HDMI Cable



Power Pieces



Memory Card



Stickers



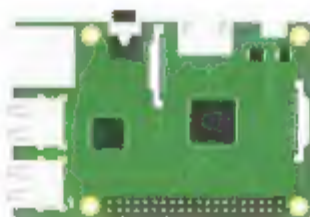
DIY Speaker



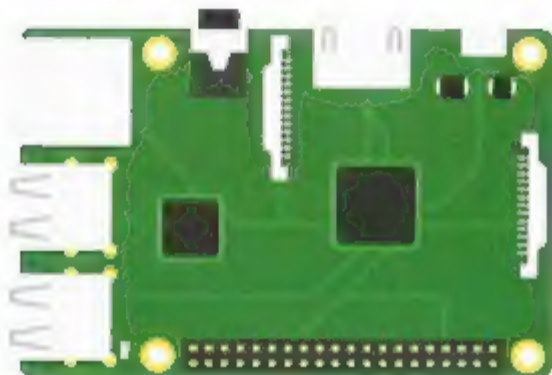
Custom Case



Raspberry Pi



This is your computer's brain



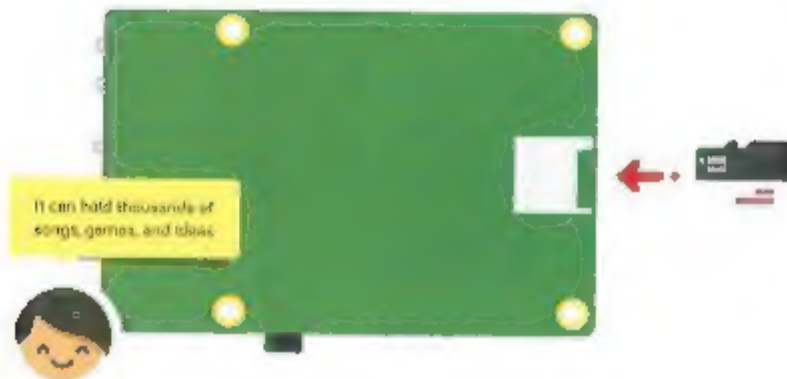
It's tiny, but powerful

Let's give the brain new powers



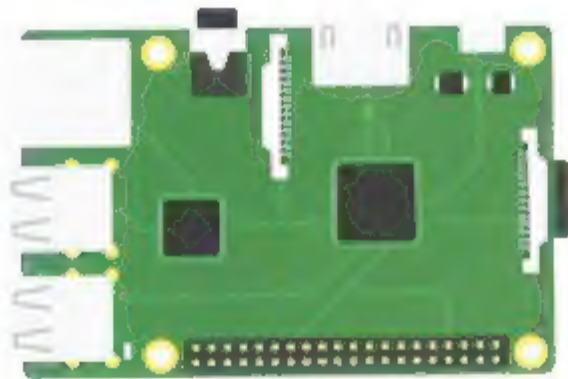
Grab the memory card, then slide out the micro card

Turn the brain over



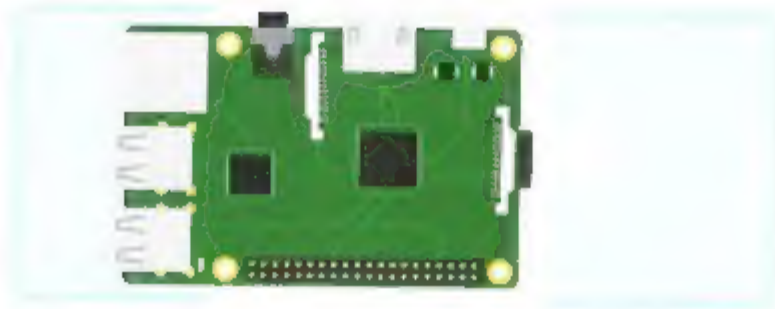
Slide in the micro card securely

To keep it strong and safe,



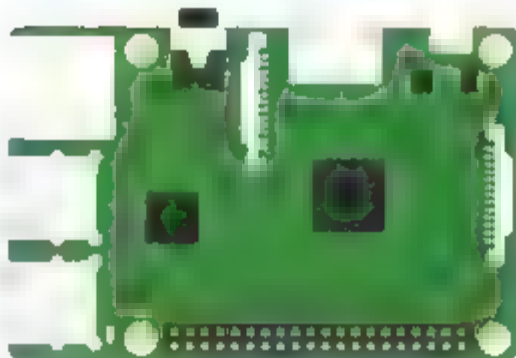
let's make a case

Grab the sides...



...and line them up

Slide them together until they click



Now you have a brain with armor and memory

Now let's give it a voice



Pick up the speaker

Flip it over

PLUMMER

SPEAKER

IRON BOARD

SUN PRO

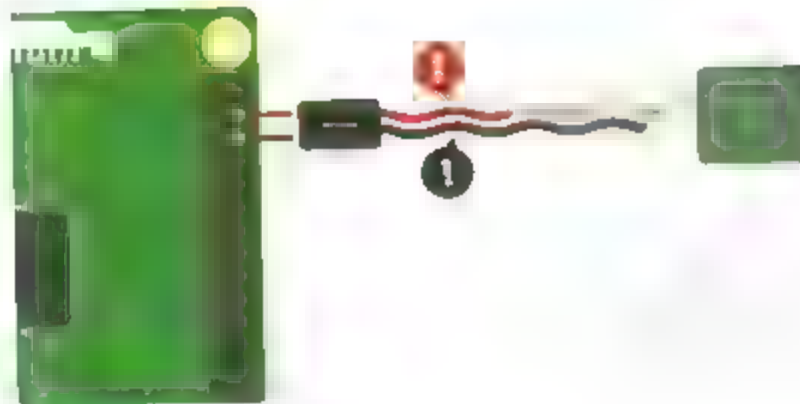
These parts work together to sing songs

Your computer can turn electricity into sound and light



Let's borrow electrical power from these two pins

Make sure you connect it like this

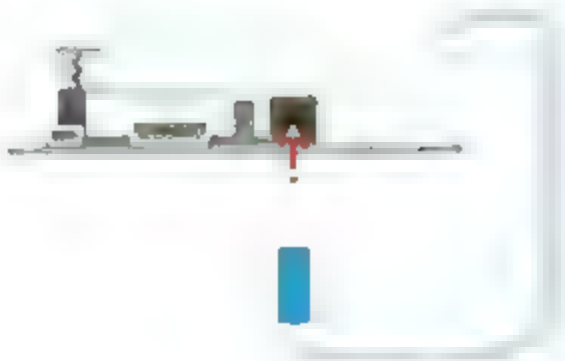


Choose the pins carefully!

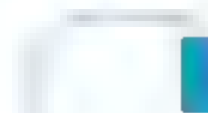
Now click the speaker to the case



Plug in the blue cable



Amazing: A cool computer that can rock it



Amazing

Let's connect a screen



It's a yellow cable
It's a yellow cable
It's a yellow cable



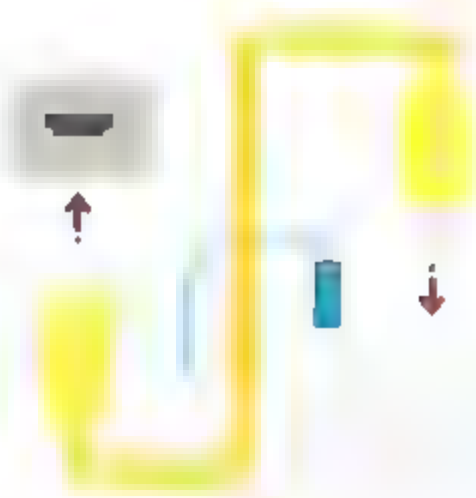
Grab the yellow HDMI cable

Find a display or TV with this kind of plug

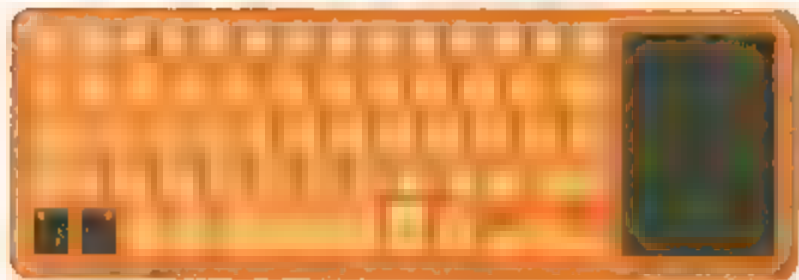
Have a different
cable or plug?
Visit help.khanacademy.org



Correct them

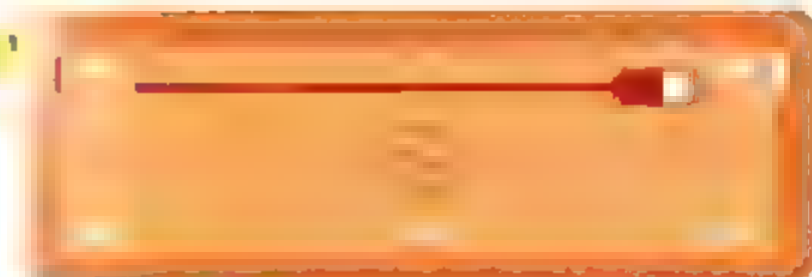


Now, your computer can talk, display, and connect

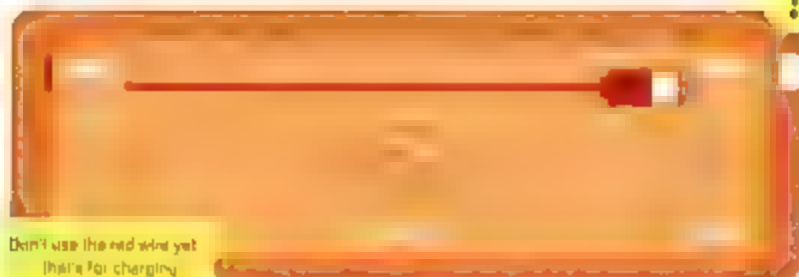


Let's give it some new ideas. Crab your keyboard

Fig. 4-10. Turn the power button around and push the power button

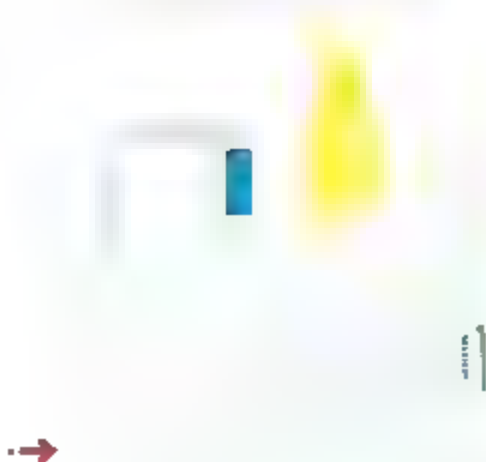


Take out the white piece

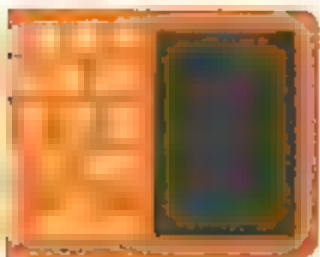


This USB has a red cable on

Plug the piece into your computer



Now, the keyboard and brain are connected



1

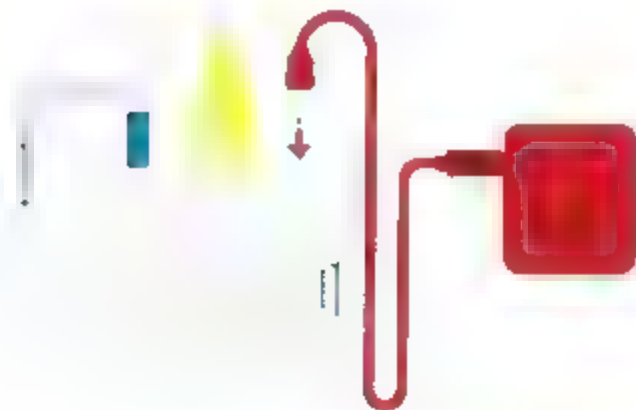
Almost there

Let's bring it to life! Grab the red pieces



and plug the big end in to the power plug

Now grab the small end and connect it to your computer

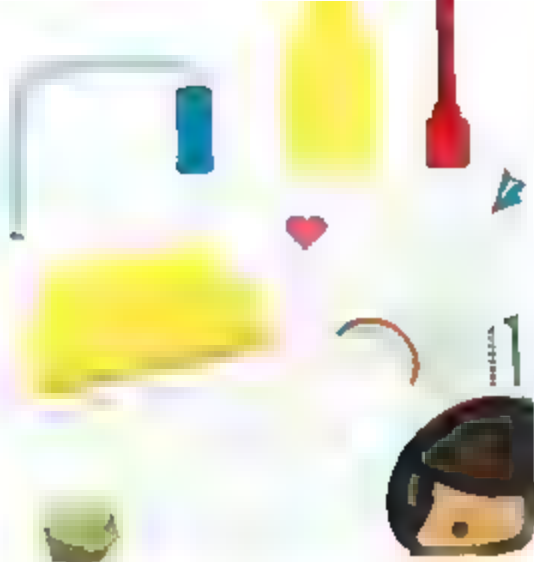


Put the power plug in to a wall socket





Go back to page 10 if there's no light



And don't forget to use your stickers

Your keyboard has hidden powers



Activate the white functions by holding FN,

Try these combinations



Run code
Make it happen!



Mouse speed
Medium or fast



Share creations
Show off to friends



Useful for coding

All of those keys are frequently used when coding, so make sure to learn them

The keyboard needs to be charged from time to time



To do so, plug the red cable into the power plug, or to your computer

**Regulatory Compliance Information
Compliance Statement**

The Karo kit conforms with relevant provisions of the Radio
Directive for the European Union
European Union (EU) Compliance Statement

This product conforms with the requirements of European
Directive:

4e/2002/19/EC

Raspberry Pi 2004/108/EC

95/1 2006/96/EC and 2004/108/EC

Europe (EU) Declaration of Conformity

This product has been tested and found to conform with
the limits for Class 2 Information Technology Equipment
according to the European Standard

Keyboard: EN50468 / EN300 328 / EN60950 /

EN60960

Raspberry Pi EN60922

PSU: EN60950 / EN60922 / EN60960 / EN60924

Speaker: EN60960 / EN60922 / EN60924

Federal Communications Commission (FCC) Statement

The Karo kit conforms with part 15 of the FCC rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference and

(2) This device must accept any interference received.

Raspberry Pi FCC ID: 2ABCB-4P-32

Speaker FCC ID: 2ACV6-142110CA

Keyboard FCC ID: 2ACV6PC-KB-21318

Important:

Changes or modifications to this product not authorized by
Karo Computing Ltd. could void the FCC compliance and
require your authority to return the product.

Industry Canada (IC) Statements

Keyboard: This device complies with RSS 210 of Industry
Canada. The device meets all requirements of the
Canadian interference-causing equipment regulations.

Raspberry Pi: This Class 2 digital apparatus conforms with
Canadian ICES-003 specifications.

PSU: The device complies with the Canadian Class 2
specification Class 22.2 and UL 60950-1.

Speaker: This Class B speaker apparatus conforms with
Canadian ICES-003 specifications.

Australia Statement

Keyboard: This product complies with the requirements of
Australian AS24008.

Raspberry Pi: This product conforms with the Australian
Class 4 device requirements.

PSU: This product complies with Australian standard AS/
1628 10063 and the requirements of all relevant parts of

1. This product complies with the requirements of the Australian Regulatory Conformance Mark.

2. This product conforms with the requirements of AS/NZS 15922.

3. AS/NZS 15922

4. This product conforms with the requirements of AS/NZS 15922.

5. This product conforms with the requirements of AS/NZS 15922.

6. This product conforms with the requirements of AS/NZS 15922.

7. This product conforms with the requirements of AS/NZS 15922.

8. This product conforms with the requirements of AS/NZS 15922.



9. This product conforms with the requirements of AS/NZS 15922.

10. This product conforms with the requirements of AS/NZS 15922.

11. This product conforms with the requirements of AS/NZS 15922.



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Assembles Itself.™

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